Index of Claims

| App | licatior | า/Control | No. |
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10/765,114

Examiner

Paul Royal

Date

Applicant(s)/Patent under Reexamination

VOLUCKAS, STANLEY A.

Art Unit

3611

| <b>√</b> | Rejected |
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| 1 | (Through numeral)<br>Cancelled |
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Claim

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| Final    | Original  | 6/27/05  |          |              |                |          |          |  |  |                 |
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|          | 1<br>2<br>3<br>4<br>5<br>6<br>7   | T  |          |              |                | Π        |          |  | Г  |                 |
|          | 3   | П  |          |              |                |          |          |  |  |                 |
|          | 4   | П  |          |              |                |          |          |  |  |                 |
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|          | 7   | Ш  |          | L            | <u>_</u>       |          | _        |  |  |                 |
|          | 8   | Ш  | L        | _            | _              | _        |          | _  | _  | _               |
|          | 9   | Щ  | _        | _            | _              | L        | <u> </u> | _  | <u> </u>   | Ш               |
|          | 10  | Н  | L_       | L_           | _              | <u> </u> | <u> </u> | <u> </u>   |  |                 |
|          | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | H  | _        | ├            | <del>  -</del> | _        |          | _  |  |                 |
| ļ        | 12  | !  | <u> </u> | -            | -              | -        | -        | <del>  -</del>                                   | <u> </u>   | $\vdash$        |
|          | 13  | +  | _        | $\vdash$     | 1              | H        | -        | ├-   | -  |                 |
|          | 15  |  | <u> </u> | $\vdash$     | $\vdash$       | ⊢        | $\vdash$ | $\vdash$   | -  | -               |
|          | 10  | -  | _        | <del> </del> | -              | -        | ⊢        | -  | -  | -               |
|          | 17  |  | ⊢        | -            | -              | ├        | -        |  | _  | Н               |
|          | 18  | -  | -        | ├            | ├              |          |          | ⊢  | $\vdash$   | H               |
|          | 10  | -  | $\vdash$ | -            | -              | $\vdash$ | H        | $\vdash$   |  |                 |
|          | 20  | ┢  | $\vdash$ | $\vdash$     | ⊢              | ├        |          | -  | -  |                 |
| <b></b>  | 21  | <del>                                     </del> | $\vdash$ |              | ┢              | -        | ├-       | -  | -  | Н               |
|          | 22  | -  | $\vdash$ | $\vdash$     | $\vdash$       | $\vdash$ |          | $\vdash$   | -  | Н               |
|          | 23  |  | $\vdash$ |              |                |          | _        | <del>                                     </del> | -  | -               |
|          | 24  | <del>                                     </del> | _        |              |                |          |          |  | <del>                                     </del> |                 |
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|          | 31  |  |          |              |                |          |          |  |  |                 |
|          | 30<br>31<br>32  |  |          |              |                |          |          |  |  |                 |
|          | 33  |  |          |              |                |          |          |  |  |                 |
|          | 33<br>34<br>35  |  |          |              |                |          |          |  |  |                 |
|          | 35  |  |          | _            |                |          |          |  |  |                 |
|          | 36<br>37  | $\Box$   | _        | <u> </u>     | L              | _        |          | L_   |  | Ш               |
|          | 37  |  | _        |              | <u> </u>       |          | <u> </u> | <u> </u>   | <u> </u>   | Ш               |
|          | 38  | -  | _        | <u> </u>     | L              | <u> </u> | _        |  | L.   | Ш               |
| <u> </u> | 39  |  | <u> </u> |              | _              | <u> </u> | _        | <u> </u>   | ļ  | $\vdash$        |
|          | 40  |  | $\vdash$ | <u> </u>     | <u> </u>       | <u> </u> | ├-       | <u> </u>   |  |                 |
|          | 41  | _  | <u> </u> | <u> </u>     | $\vdash$       | <u> </u> | <u> </u> |  | _  |                 |
|          | 42  | _  | _        | <u> </u>     | <u> </u>       | <u> </u> | <u> </u> |  | _  |                 |
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|          |   | $\vdash$   | -        | $\vdash$     | $\vdash$       | <u> </u> |          |  | -  | $\vdash \vdash$ |
|          | 45<br>46  | -  |          | -            |                | $\vdash$ | $\vdash$ | -  | _  | $\vdash \vdash$ |
|          | 47  | -  | -        | $\vdash$     | -              | -        | $\vdash$ | $\vdash$   | <u> </u>   | $\vdash \vdash$ |
|          | 48  | -  | _        | $\vdash$     | $\vdash$       | -        | -        | -  |  | $\vdash\vdash$  |
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|----------|----------------------------|---------|---------|----------|----------|----------|----------|--------------|----------|----------|----------|----|-------|------------|----------|--------------|--------|--------|----------|----------|----------|----------|----------|
| 5        | Original                   | 6/27/05 |         |          |          |          |          |              |          |          |          |    | Final | Original   |          |              |        |        |          |          |          |          |          |
|          | 1                          | +       | T       | 7        |          |          |          | $\Box$       |          |          |          | İ  |       | 51<br>52   |          | _            |        |        |          |          |          |          | П        |
| $\neg$   | 2                          | 1       | 1       | ٦        |          |          | $\vdash$ |              |          | T        | _        | ĺ  |       | 52         |          |              |        |        |          |          |          |          |          |
|          | 2<br>3<br>4<br>5<br>6<br>7 | T       | T       | 1        |          |          |          |              |          | _        |          | i  |       | 53         | П        |              |        |        |          |          |          |          | П        |
|          | 4                          | +       | ✝       | ┪        | _        |          | _        | _            | -        | _        | $\vdash$ |    |       | 54         |          |              |        | -      |          | _        |          |          | $\dashv$ |
| ┪        | 5                          | 1       | 十       | 7        |          |          |          |              |          |          |          | 1  |       | 55         |          |              |        |        |          |          |          |          | Н        |
| ┪        | 6                          | 1       | +-      | 7        |          | _        | <u> </u> |              |          | -        | -        | 1  |       | 56         | Н        |              | _      | _      |          |          |          |          | $\dashv$ |
| $\dashv$ | 7                          | H       | +       | ┪        |          |          | $\vdash$ | $\vdash$     | -        | $\vdash$ | $\vdash$ | 1  |       | 57         |          | _            |        | _      |          | _        | -        | Н        | Н        |
| $\dashv$ | 8                          | Ħ       | t       | +        |          | -        | ├──      | ╁            |          | $\vdash$ | $\vdash$ |    |       | 58         | Н        |              |        |        |          | _        | H        | Н        | $\dashv$ |
| -        | a                          | 1       | $^{+}$  | +        | -        |          | _        | -            | -        | $\vdash$ | -        |    |       | 59         |          |              |        |        |          |          |          | Н        | Н        |
| -        | 9                          | +       | ╁       | ┪        | _        |          | -        | $\vdash$     | ┝        |          | ┝        |    |       | 60         | Н        |              |        |        |          | -        |          | $\vdash$ | $\vdash$ |
| ┪        | 11                         | +       | ╁       | ┪        | _        | _        |          | _            | $\vdash$ | $\vdash$ |          | i  |       | 61         | -        |              |        |        |          | -        | $\vdash$ | $\vdash$ | $\vdash$ |
| $\dashv$ | 12                         | +       | ╁       | ┪        | -        |          | -        | -            | ⊢        |          | -        |    |       | 62         | -        |              |        |        | _        | -        | $\vdash$ | Н        | $\dashv$ |
| $\dashv$ | 13                         | +       | ┿       | ┪        | -        |          | -        | -            | -        | -        | $\vdash$ |    |       | 63         |          |              |        |        |          | _        | $\vdash$ | $\vdash$ | -        |
| $\dashv$ | 14                         | _       | ┿       | $\dashv$ |          |          | $\vdash$ | -            | -        | -        | -        |    |       | 64         |          |              |        |        |          |          | _        | Н        | H        |
| $\dashv$ | 15                         |         | ╁       | +        |          | -        |          | ⊢            | ⊢        | ⊢        | -        |    |       | 04<br>CE   | $\vdash$ |              |        |        | _        |          | -        | $\vdash$ | -        |
| $\dashv$ | 16                         | _       | ╁       | 4        | _        | _        |          | $\vdash$     | -        |          |          |    |       | 65         | $\vdash$ | -            |        |        |          | _        |          | -        |          |
| -        | 17                         |         | +       | 4        |          |          | _        | -            | -        | -        | -        | 1  |       | 66         |          | -            |        |        | _        | _        | _        | $\vdash$ | -        |
| $\dashv$ | 17                         | _       | +       | 4        |          | _        |          | -            |          | _        | -        |    |       | ·67        | -        |              | _      |        | _        | _        | _        | $\vdash$ | -        |
| -        | 18                         |         | ╀       | 4        |          |          |          | L            | L        | <u> </u> |          |    | 4     | 68         | _        | _            | _      |        |          |          |          | <b></b>  | _        |
| 4        | 19                         |         | ╀       | 4        | _        |          |          |              |          | <u> </u> | <u> </u> |    | 3     | <b>6</b> 9 |          | _            |        |        | _        |          | ļ        | Ш        | 1.0      |
|          | 20                         | _       | ╀       | 4        |          |          |          | ļ            | _        |          | _        |    |       | 70         | _        |              | _      |        |          | _        | _        | _        | -        |
| 4        | 21                         | _       | ╀       | 4        |          |          |          |              |          |          |          |    |       | 71         |          |              |        |        |          |          | L_       |          |          |
| _        | 22<br>23                   |         | ╀       | 4        |          |          |          |              |          |          | <u> </u> |    |       | 72         |          | _            |        |        |          | _        |          |          | Ш        |
| 4        | 23                         |         | 1       | 4        | _        |          |          |              | _        | L        |          |    |       | 73         |          |              |        |        |          |          |          |          |          |
| _        | 24                         |         | $\perp$ | 1        |          |          |          |              |          |          |          |    |       | 741        |          |              |        |        |          |          |          |          |          |
| _        | 25                         |         | $\perp$ | 1        |          |          |          |              |          |          |          |    |       | 75‡        |          |              |        |        |          |          |          |          |          |
| _        | 26                         |         | $\perp$ | 1        |          |          |          |              |          |          |          |    |       | 76         |          |              |        |        |          |          |          |          |          |
|          | 27                         |         | 上       |          |          |          |          |              |          |          |          |    |       | 77         |          |              |        |        |          |          |          |          |          |
|          | 28<br>29                   |         | L       |          |          |          |          |              |          |          |          |    |       | 78         |          |              |        |        |          |          |          |          |          |
|          | 29                         |         |         |          |          |          |          |              |          |          |          |    |       | 79         |          |              |        |        |          |          |          |          |          |
|          | 30                         |         |         |          |          |          |          |              |          |          |          |    |       | 80         |          |              |        |        |          |          |          |          |          |
|          | 31                         |         |         |          |          |          |          |              |          |          |          |    |       | 81         |          |              |        |        |          |          |          |          | -        |
|          | 32<br>33                   |         | T       |          |          |          |          |              |          |          |          |    |       | 82         |          |              |        |        |          |          |          |          |          |
|          | 33                         |         | Τ       | П        |          |          |          |              |          |          |          |    |       | 83         |          |              |        |        |          |          |          |          |          |
|          | 34                         |         | Т       | T        |          |          |          |              |          |          |          |    |       | 84         |          |              |        |        |          |          |          |          |          |
|          | 35                         |         | Τ       | T        |          |          |          |              |          |          |          |    |       | 85         |          |              |        |        |          |          |          |          |          |
|          | 36<br>37                   |         | T       | ٦        |          |          |          |              |          |          |          |    |       | 86         |          | T            |        |        |          |          |          |          |          |
|          | 37                         |         | T       | T        |          |          |          |              |          |          |          |    |       | 87         |          |              |        |        |          |          |          |          |          |
|          | 38                         |         | T       | 1        |          |          |          |              |          |          |          |    |       | 88         |          |              |        |        |          |          |          |          |          |
| $\neg$   | 39                         |         | T       | 7        |          |          |          |              |          |          |          |    |       | 89         |          |              | $\neg$ |        |          |          |          | $\Box$   |          |
| 7        | 40                         | _       | T       | 1        |          |          |          |              |          |          |          |    |       | 90         |          |              |        | _      | _        | _        | П        | $\Box$   | $\dashv$ |
|          | 41                         | _       | t       | 1        |          |          |          |              |          |          | _        |    |       | 91         |          |              | $\neg$ |        |          |          |          | $\Box$   | $\dashv$ |
| 7        | 41<br>42                   | _       | T       | 7        |          |          |          | $\vdash$     | _        | _        | _        |    |       | 92         |          | $\neg$       |        | _      |          |          | Н        |          | $\dashv$ |
| 7        | 43                         | _       | T       | 7        | $\neg$   |          |          | _            | -        | _        |          | li |       | 93         |          |              |        |        |          | _        | Н        | $\neg$   | $\dashv$ |
| 7        | 44                         | _       | ╈       | 7        |          |          |          |              |          |          |          |    |       | 94         | 一        | 一            |        | _      |          | _        |          | $\dashv$ | $\dashv$ |
| $\dashv$ | 45                         |         | +       | +        | $\dashv$ | $\neg$   | $\dashv$ | -            |          |          | -        |    |       | 95         |          | ╅            | -      | _      | $\vdash$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |
| $\dashv$ | 46                         |         | +       | +        | -        |          |          | H            | -        |          | $\vdash$ |    |       | 96         |          | -            | -      |        | $\dashv$ | -        | Н        | $\dashv$ | $\dashv$ |
| $\dashv$ | 47                         | -       | +       | +        | ᅱ        | _        | -        | $\vdash$     | $\vdash$ | $\vdash$ | -        |    | _     | 97         | $\dashv$ | $\dashv$     |        |        | $\dashv$ |          | -        | -        | $\dashv$ |
| +        | 48                         |         | ╁       | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$     | -        |          |          |    |       | 98         | $\dashv$ |              |        |        | -        | -        | $\vdash$ | -        | $\dashv$ |
| +        | 49                         |         | ╁       | +        |          | $\dashv$ | $\dashv$ | $\vdash$     | $\dashv$ | _        |          |    |       | 99         | $\dashv$ | <del>-</del> |        | -      | -        |          |          | $\dashv$ | $\dashv$ |
| $\dashv$ | 50                         |         | +       | +        |          | $\dashv$ | $\dashv$ | Н            | -        | -        |          |    | _     | 100        |          |              |        |        | -        |          |          | $\dashv$ | $\dashv$ |
|          | <u> </u>                   |         |         |          |          |          |          | لـــا        |          |          |          | 1  |       | 100        |          |              | 1      | لــــا |          |          | ш        | Ш        |          |

| CI    | Date              |  |          |              |          |          |  |  |          |                 |
|-------|-------------------|--|----------|--------------|----------|----------|--|--|----------|-----------------|
| Final | Original          |  |          |              |          |          |  |  |          |                 |
|       | 101               |  |          |              |          | _        | <del>                                     </del> | <del>                                     </del> | $\vdash$ | Н               |
|       | 101<br>102        |  |          |              |          |          |  |  |          |                 |
|       | 103               |  |          |              |          |          |  |  |          |                 |
|       | 104<br>105        | _  | _        |              | _        | _        | _  |  | _        |                 |
|       | 105               | <u> </u>   |          |              | ļ        | <u> </u> | <u> </u>   | _  |          |                 |
|       | 106               | ├—   | -        | <del> </del> | ├        | <u> </u> | ⊢  | ┝  | -        |                 |
|       | 107<br>108        | ┢  | H        | -            | -        | -        |  | ├-   | $\vdash$ | $\vdash$        |
|       | 109               |  |          | H            |          |          | H  | <del> </del>                                     | -        | $\vdash$        |
|       | 110               | _  |          | $\vdash$     | H        |          | $\vdash$   | ┢  | -        |                 |
|       | 111               |  |          |              |          |          | _  |  | Г        |                 |
|       | 112               |  |          |              |          |          |  |  |          |                 |
|       | 112<br>113<br>114 |  | Ĺ        |              |          | Ĺ        |  |  |          |                 |
|       | 114               | _  | _        |              | _        | _        | <u> </u>   | _  | _        |                 |
|       | 115<br>116        | _  | <u> </u> | _            |          | <u> </u> | _  | L  | L        | Ш               |
|       | 117               | <u> </u>   | _        | <del> </del> |          | _        |  |  |          | -               |
|       | 118               | $\vdash$   | $\vdash$ | ⊢            | -        | -        | -  | -  | ⊢        | Н               |
|       | 118<br>119        | $\vdash$   | $\vdash$ | $\vdash$     | -        | -        |  | -  | $\vdash$ | Н               |
|       | 120               | <del>                                     </del> | _        | $\vdash$     | ┢        |          | $\vdash$   | ╁  | -        | $\vdash$        |
|       | 121               |  | _        | Т            |          |          |  |  |          | П               |
|       | 120<br>121<br>122 |  |          |              |          |          |  |  |          |                 |
|       | 123<br>124<br>125 |  |          |              |          |          |  |  |          |                 |
|       | 124               |  | _        | _            | <u> </u> | _        | L_   | _  | <u> </u> | <u> </u>        |
|       | 125               | <u> </u>   | <u> </u> | -            | _        | _        |  | _  | _        | Н               |
|       | 126<br>127<br>128 |  | ├-       | _            | -        | <u> </u> | H  | H  | ⊢        | Н               |
|       | 128               | <u> </u>   | -        | ├            | -        | ┢        | -  | $\vdash$   | ├        | $\vdash$        |
|       | 129               | -  | $\vdash$ |              | _        | $\vdash$ | $\vdash$   | -  | -        | Н               |
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|       | 131<br>132        |  |          |              |          |          |  |  |          | П               |
|       | 132               |  |          |              |          |          |  |  |          |                 |
|       | 133               |  |          |              |          |          |  |  |          |                 |
|       | 134<br>135        |  |          |              |          |          |  |  |          | Ш               |
|       | 135               |  | <u> </u> | _            | _        | <u> </u> | <u> </u>   | _  | <u> </u> | Ш               |
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|       | 139               |  | -        | -            | _        |          | -  | $\vdash$   | $\vdash$ | $\vdash \vdash$ |
|       | 140               |  | _        | $\vdash$     | _        | _        |  |  |          | H               |
|       | 141               |  |          |              |          |          |  |  |          |                 |
|       | 142               |  |          |              |          |          |  |  |          |                 |
|       | 143               |  |          |              |          |          |  |  |          |                 |
|       | 144               | _  |          | _            |          |          |  | L  |          | Ш               |
|       | 145               | <u> </u>   |          | L            | _        |          | _  | <u> </u>   |          | Щ               |
|       | 146<br>147        | _  | _        | L            | _        | -        |  | <u> </u>   | <u> </u> | $\vdash \vdash$ |
|       | 147               | -  |          | -            |          | _        |  |  |          | $\dashv$        |
|       | 149               | -  |          |              | _        |          |  | -  |          | $\vdash \dashv$ |
|       | 150               | _  |          | H            | -        | _        |  | ┪  | _        | $\vdash$        |
|       |                   |  |          |              |          |          |  |  | <b></b>  | لــــا          |